

ECS Configuration Change Request

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Page(s)

1. Originator Cherry Kenney	2. Log Date: 12/19/02	3. CCR #: 02-1106	4. Rev: -	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/SWIT
8. CCR Title: TE_6A.06_DPL.10						
9. Originator Signature/Date Cherry A. Kenney /s/ 12/19/02			10. Class II	11. Type: CCR	12. Need Date: 19DEC02	
13. Office Manager Signature/Date Louis Swentek /s/ 12/19/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. CI(s) Affected: DPL	
19. Release Affected by this Change: 6A		20. Date due to Customer: 19DEC02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 36028, 36298						
23. Problem: (use additional Sheets if necessary) Sv=5, Bug id = ECSed36028, Subsystem = OPS_DPool Desc: Must check file integrity after DPL insert Sv=1, Bug id = ECSed36298, Subsystem = OPS_DPool Desc: GSFC/SMC: DPL Cleanup and Sybase locks						
24. Proposed Solution: (use additional sheets if necessary) Deliver TE_6A.06_DPL.10 to all DAACs. TE must be installed on top of Patch_6A.06_DPL.05A						
25. Alternate Solution: (use additional sheets if necessary) Delay testing; wait until next DPL subsystem delivery.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) 6A.06 will not have the DPL functionality.						
27. Justification for Emergency (If Block 15 is "Emergency"): DAACs requested TE to fix NCRs stated above.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Mary S. Armstrong /s/ 12/19/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): 34. Pamela Johnson /s/ 12/19/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 02-1106 **Rev:** - **Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: TE_6A.06_DPL.10

Actions

ClearCase Support Group (CSG):

Please make a set of tar files from the 6A06EBF2 Baseline:

Please make one SOL8 tar file with the following package:

.EcDI.pkg

Please make one IRIX65 (irix65) tar file with the following package:

.EcDIDatabase.pkg

.EcDIAMassAccess.pkg

Please label these tar files TE_6A.06_DPL.10

DAAC Install Instructions

Patch Dependencies : Deliver TE_6A.06_DPL.10 to all DAACs. TE must be installed on top of Patch_6A.06_DPL.05A

A. SETUP

1. Untar the tar files
2. cd <staging_disk>/IRIX65/CUSTOM/dbms/DPL
3. chmod -R 775
4. Logon to any SUN in sitemap and bring up E.A.S.I
5. Kill the DPL servers

B. INSTALLTION:

- 1 Install the following packages

.EcDI.pkg

EcDIAMassAccess.pkg

.EcDIDatabase.pkg

C. CONFIGURATION:

1. Login into the xxdpsnn machine and run make config for EcDIInsertUtilityMkcfg. The following new parameters must be configured:

CHECKSUM_PERCENTAGE -100 (indicates what percentage of inserts will get be checksumed)

The CHECKSUM_PERCENTAGE configurable parameter specifies what percentage

of the copies into DPL will be checksummed on the dps machine. The result will be compared with the checksum received from the archive hosts. If they are identical - the DPL copy worked. Otherwise, the copy will be retried 3 times - and if the failure still occurs - the corrupted file will be moved into the CORRUPTED_FILES_SUBDIR of the DPL_ROOT directory. The DPL ingest will FAIL.

CORRUPTED_FILES_SUBDIR corrupted_files(directory is created during install)
The CORRUPTED_FILES_SUBDIR represents the area under the DPL_ROOT (Data Pool Root directory, usually /datapool/MODE/user) where the corrupted files will be stored. Counting the files in this subdirectory will show us for how many files corruption was encountered - and was not fixed.
If the specified directory does not already exist under the DPL_ROOT area - it will be automatically created by the CUSTOM code.

D. PATCH DMS DATABASE:

7. Login into the xxacgmn machine and run the following database script with the assigned parameters:

```
DIDbPatchProcGetBrowseLinks.ksh DBNAME SERVER USERNAME PASSWORD MODE
```

E. POST INSTALLATION:

Bring up the DPL servers